

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Hiroaki SUDO
Application No.: New PCT National Stage Application
Filed: February 2, 2005
For: CDMA TRANSMISSION APPARATUS AND CDMA
TRANSMISSION METHOD

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

Dear Sir:

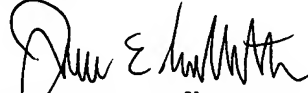
Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the art listed on the attached Form PTO 1449. Copies of the art cited in the International Search Report (ISR), which issued by the JPO, are made available to the U.S. examiner in the national stage application, pursuant to MPEP 1893.03(g), and therefore copies of such art are not submitted herewith. The art cited in the ISR is listed on the attached PTO-1449 for an indication of consideration by the examiner. Copies of any other references listed on the PTO-1449, besides those cited in the ISR, are submitted herewith. JP '051 is discussed in the present application at page 1, line 13 et seq. The following are English equivalents to foreign documents: US 612/JP 899, US 143/JP 051, US 535/JP 224 and US 796/JP 054.

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106.

DT Rec'd PCT/PTO 02 FEB 2005

Applicants respectfully request that this art be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,



James E. Ledbetter
Registration No. 28,732

Date: February 2, 2005

JEL/spp

ATTORNEY DOCKET NO. L9289.04198

STEVENS, DAVIS, MILLER & MOSHER, L.L.P.
1615 L STREET, NW, Suite 850
WASHINGTON, DC 20043-4387
Telephone: (202) 785-0100
Facsimile: (202) 408-5200

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark OfficeINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

L9289.04198

SERIAL NO.

New PCT Nat'l Stage
Application

10/522980

APPLICANT

Hiroaki SUDO

FILING DATE

February 2, 2005

GROUP

Unassigned

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|---------|-----------------|-------|----------|-------------------------------|
| | 6 7 7 8 6 1 2 | 08/2004 | Lozano et al. | | | |
| 2001 | 0 0 5 3 1 4 3 | 12/2001 | Li et al. | | | |
| | 5 5 0 4 7 7 5 | 04/1996 | Chouly et al. | | | |
| 2002 | 0 1 9 1 5 3 5 | 12/2002 | Sugiyama et al. | | | |
| | 6 6 0 3 7 9 6 | 08/2003 | Kondo | | | |
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FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
|------------------|---------|---------|-------|----------|-------------|
| | | | | | YES NO |
| 2002 1 2 4 8 9 9 | 04/2002 | JP | | | Abstract |
| 2002 0 4 4 0 5 1 | 02/2002 | JP | | | Abstract |
| 2002 3 7 4 2 2 4 | 12/2002 | JP | | | |
| 1 1 2 7 5 0 5 4 | 10/1999 | JP | | | |
| 2003 0 3 2 2 2 6 | 01/2003 | JP | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PCT International Search Report dated August 17, 2004.

D. SAMARDZIJA, et al.: "Performance Evaluation of the VBLAST Algorithm in W-CDMA Systems," Vehicular Technology Conference 2001, Fall, vol. 2, Oct. 11, 2001, pp. 723-727.

M. CHEN, et al.: "Space-time Codes of Multi-code Transmission for WCDMA," Vehicular Technology Conference 2001, Spring, vol. 2, May 9, 2001, pp. 1311-1313.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.